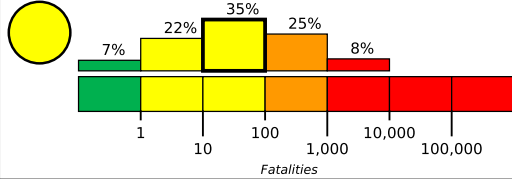


M 5.3, 4 km S of Anse--Veau, Haiti

Origin Time: 2022-01-24 13:16:23 UTC (Mon 08:16:23 local)
Location: 18.4612° N 73.3366° W Depth: 10.0 km

Created: 3 weeks, 2 days after earthquake

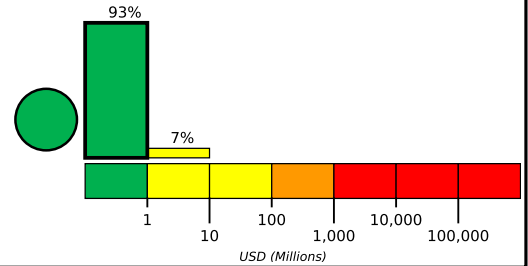
Estimated Fatalities



Yellow alert for shaking-related fatalities. Some casualties are possible and the impact should be relatively localized. Past events with this alert level have required a local or regional level response.

Green alert for economic losses. There is a low likelihood of damage.

Estimated Economic Losses

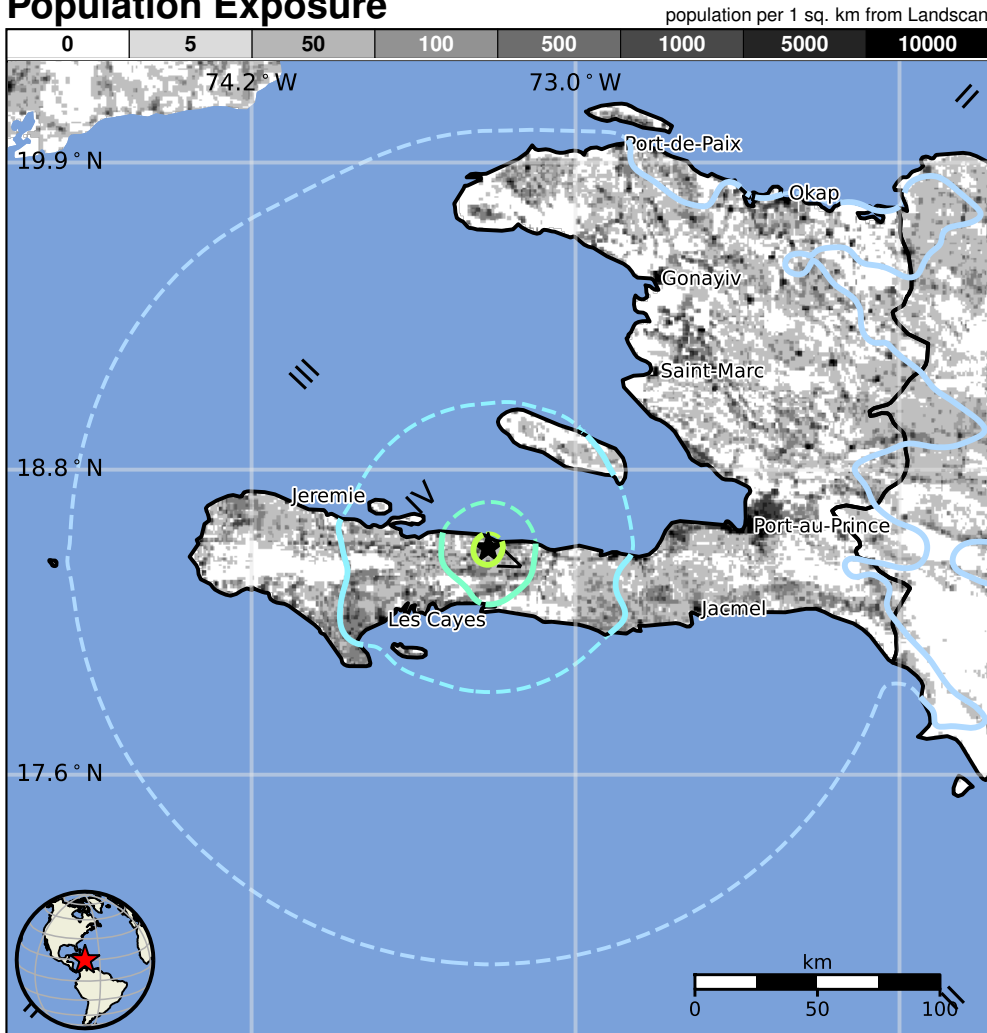


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	10,448k	1,300k	223k	79k	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are extremely vulnerable to earthquake shaking, though some resistant structures exist. The predominant vulnerable building types are mud wall and informal (metal, timber, GI etc.) construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1988-05-09	335	4.5	VI(10k)	0
2003-09-22	313	6.4	IX(132k)	1
1994-03-02	173	5.4	VII(47k)	4

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
VI	Anse-a-Veau	2k
V	Petite Riviere de Nippes	2k
V	Aquin	5k
V	Petit Trou de Nippes	2k
IV	Miragoane	89k
IV	Fond des Blancs	3k
IV	Les Cayes	126k
III	Jacmel	138k
III	Port-au-Prince	1,235k
III	Port-de-Paix	250k
II	Okap	135k

bold cities appear on map.

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.
<https://earthquake.usgs.gov/earthquakes/eventpage/us7000gek3#pager>

Event ID: us7000gek3